

1 What is claimed is:

2 1. A method for executing multi-system aware (MSA) applications in a cluster,
3 comprising:

4 receiving selection of an MSA tool by a user;

5 establishing a target node list that contains nodes against which the MSA tool
6 can execute;

7 passing the target node list as environment variables to the MSA tool; and

8 executing the MSA tool with the environment variables on an MSA managed
9 node.

10 2. The method of claim 1, wherein the receiving step includes receiving selection
11 of the MSA tool that launches system interactive applications.

12 3. The method of claim 1, wherein the establishing step includes establishing a
13 target node list that contains node groups against which the MSA tool can execute.

14 4. The method of claim 1, wherein the establishing step includes computing a
15 default target node list from default nodes specified.

16 5. The method of claim 1, wherein the passing step includes passing the target
17 node list as target environment variables.

18 6. The method of claim 1, wherein the receiving step includes receiving selection
19 of the MSA tool using a command line interface.

20 7. The method of claim 6, wherein the establishing step includes establishing the
21 list from target nodes specified on the command line.

22 8. The method of claim 6, further comprising returning an error message if no
23 target node is specified.

24 9. The method of claim 1, wherein the receiving step includes receiving selection
25 of the MSA tool from a tool view menu using a graphical user interface.

1 10. The method of claim 9, wherein the establishing step includes receiving
2 selection of target nodes by the user from a dialog in the tool view menu.

3 11. The method of claim 1, further comprising receiving selection of target nodes by
4 the user from a node view menu using a graphical user interface.

5 12. The method of claim 11, wherein the receiving selection of the MSA tool step
6 includes selecting the MSA tool by the user from a dialog in the node view menu.

7 13. The method of claim 1, further comprising:
8 logging cluster configuration changes in a central log file by a log manager;
9 logging tool execution events in an MSA tool log file; and
10 integrating the MSA tool log file into the central log file.

11 14. An apparatus for executing multi-system aware (MSA) applications in a cluster,
12 comprising:
13 a module for receiving selection of an MSA tool by a user;
14 a module for establishing a target node list that contains nodes against which the
15 MSA tool can execute;
16 a module for passing the target node list as environment variables to the MSA
17 tool; and
18 a module for executing the MSA tool with the environment variables on an
19 MSA managed node.

20 15. The apparatus of claim 14, wherein the module for establishing the target node
21 list includes a module for computing a default target node list from default nodes
22 specified.

23 16. The apparatus of claim 14, wherein the module for passing the target node list
24 includes a module for passing the target node list as target environment variables.

17. The apparatus of claim 14, wherein the module for receiving selection of the
2 MSA tool includes a module for receiving selection of the MSA tool using a command
3 line interface.
- 4 18. The apparatus of claim 14, wherein the module for receiving selection of the
5 MSA tool includes a module for receiving selection of the MSA tool from a tool view
6 menu using a graphical user interface.
- 7 19. The apparatus of claim 14, further comprising a module for receiving selection
8 of target nodes by the user from a node view menu using a graphical user interface.
- 9 20. A method for executing multi-system aware (MSA) applications in a cluster,
10 comprising:
11 receiving selection of an MSA tool by a user using command line interface;
12 establishing a target node list that contains nodes against which the MSA tool
13 can execution, wherein the list is established from default nodes or target nodes
14 specified on the command line;
15 passing the target node list as target environment variables to the MSA tool;
16 executing the MSA tool with the environment variables on an MSA managed
17 node;
18 logging cluster configuration changes in a central log file by a log manager;
19 logging tool execution events in an MSA tool log file; and
20 integrating the MSA tool log file into the central log file.